INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/09031

| A. CLASSIFICATION OF SUBJECT MATTER | | | |
|---|---|---|-----------------------------------|
| IPC(7) : C12N 13/00 US CL : 435/173.6, 173.7, 173.8 | | | |
| According to International Patent Classification (IPC) or to both pational classification and IPC | | | |
| B. FIELDS STARCHED | | | |
| Minhaum documentation searched (classification system followed by classification symbols) U.S.: 435/173.6, 173.7, 173.8 | | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | | |
| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WEST | | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
| Category • | Citation of document, with indication, where a | propriets, of the relevant pessages | Relevant to cishn No. |
| Y | US 5,128,257 A (BAER) 07 July 1992 (07.07.1992 | see entire document, especially the | 1-7 |
| | paragraph bridging coluums 4-5. | · · · · · · · · · · · · · · · · · · · | • • • |
| Y | US 6,120,493 A (HOFFMAN) 19 September 2000 (| (19.09.2000), see entire document | 1-7 |
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| Ruther documents are listed in the continuation of Box C. See patent family amen. | | | |
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| of partic | s defining the general mass of the set which is not considered to be other relevances | principle or theory underlying the lev "X" document of particular relevance; the | edin |
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| "L" dominar ambibb specified | n edich may durow doubts en princity einim()) er yddels is einel to das publication dets ef seaster einskon er edner speelal season (se) | eventual of particular releases to consider to be a because of | to when the decorate is |
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| Date of the actual completion of the international search 07 October 2008 (07.10.2003) | | Date of milling of the international se | arch report LIAN 2004 |
| | | Authorized offices | |
| Meil Stop PCT, Amr. ISA/US Commissioner for Patents | | Christopher R. Tato January Jour | |
| P.O. Box 1450 Alexandria, Vinginia 223 13-1450 | | Telephone No. 703-308-0196 | |
| Russ PCT/ISA/210 (second sheet) (July 1998) | | | |
| ramionapasa (com and tom 1220) | | | |